

RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYNN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVERKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED



R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.
WILLIAM R. RICHTER
ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
KEVIN W. STINGER
WILLIAM J. ATHAY
RYAN D. BENSON
SARA D. JONES
TIGE KELLER
JANNA L. JENSEN
MATTHEW D. TODD
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
BRETT A. HANSEN
BRETT I. JOHNSON
MATTHEW A. BARLOW
WESLEY C. ROSANDER
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
RYAN N. FARR *
JAMES B. BELSHE
KIRK R. HARRIS
KEELY SCHNEITER
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.

VERNON R. RICE §
OF COUNSEL

WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS



1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT
Docket No. 15436.437.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Samuel S. Villareal, Ralph H. Johnson

Serial No.: 10/028,435

Filed: December 28, 2001

For: ASSYMMETRIC DISTRIBUTED BRAGG
REFLECTOR FOR VERTICAL CAVITY
SURFACE EMITTING LASERS

Examiner: Samuel S. Villareal, Ralph H. Johnson

Patent No.: 6,850,548 B2

Issue Date: February 1, 2005

Art Unit
2828

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

Certificate
AUG 14 2006
of Correction

08/08/2006 HWOLDGE1 00000055 6850548

01 FC:1811

100.00 OP

AUG 14 2006

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 31 day of July, 2006.

Respectfully submitted,



Eric L. Maschoff
Attorney for Patentee
Registration No. 36,596
Customer No. 022913

ELM:jjb
Docket No. 15436.437.1
PR0000001665V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of August, 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 148201 for \$100.00

AUG 14 2006

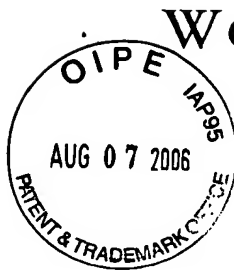
RICK D. NYDEGGER
BRENT P. LORIMER
THOMAS R. VUKSINICK
LARRY R. LAYCOCK
JONATHAN W. RICHARDS
DAVID R. WRIGHT
JOHN C. STRINGHAM
JOHN M. GUYNN
CHARLES L. ROBERTS
DANA L. TANGREN
ERIC L. MASCHOFF
CHARLES J. VEVEKA
ROBYN L. PHILLIPS
RICHARD C. GILMORE *
STERLING A. BRENNAN
R. BURNS ISRAELSEN
DAVID R. TODD
DAVID B. DELLENBACH
L. DAVID GRIFFIN
ADRIAN J. LEE
FRASER D. ROY
CARL T. REED



R. PARRISH FREEMAN, JR.
PETER F. MALEN, JR.
L. REX SEARS, PH.D.
WILLIAM R. RICHTER
ROBERT E. AYCOCK
JENS C. JENKINS
MICHAEL B. DODD
KEVIN W. STINGER
WILLIAM J. ATHAY
RYAN D. BENSON
SARA D. JONES
TIGE KELLER
JANNA L. JENSEN
MATTHEW D. TODD
J. LAVAR OLDHAM
MICHAEL J. FRODSHAM
BRETT A. HANSEN
BRETT I. JOHNSON
MATTHEW A. BARLOW
WESLEY C. ROSANDER
ANDREW S. HANSEN
CHAD E. NYDEGGER
JOSEPH G. PIA
CLINTON E. DUKE
RYAN N. FARR *
JAMES B. BELSHE
KIRK R. HARRIS
KEELY SCHNEITER
MICHAEL M. BALLARD
DAVID A. JONES
SHANE K. JENSEN
JONATHAN M. BENNS, PH.D.

VERNON R. RICE §
OF COUNSEL

* Admitted only in California
§ Admitted only in Virginia



WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS

1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111
TELEPHONE: (801) 533-9800
FAX: (801) 328-1707
WEBSITE: HTTP://WWW.WNLAW.COM

PATENT
Docket No. 15436.437.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Samuel S. Villareal, Ralph H. Johnson

Serial No.: 10/028,435

Filed: December 28, 2001

For: ASSYMMETRIC DISTRIBUTED BRAGG
REFLECTOR FOR VERTICAL CAVITY
SURFACE EMITTING LASERS

Examiner: Samuel S. Villareal, Ralph H. Johnson

Patent No.: 6,850,548 B2

Issue Date: February 1, 2005

Art Unit
2828

REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

AUG 14 2006

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 31 day of July, 2006.

Respectfully submitted,



Eric L. Maschoff
Attorney for Patentee
Registration No. 36,596
Customer No. 022913

ELM:jjb
Docket No. 15436.437.1
PR0000001665V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2nd day of August, 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,
PTO Form 1050 and Check No. 148201 for \$100.00

AUG 18 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,850,548 B2

DATED : February 1, 2005

INVENTOR(S) : Samuel S. Villareal, Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

Item 54, TITLE, change "ASYMMETRIC" to --ASYMMETRIC--

Item 56, OTHER PUBLICATIONS, line 3, after "PCT" change "," to --.

Item 56, OTHER PUBLICATIONS, line 6, change "Emittin" to --Emitting--

Item 56, OTHER PUBLICATIONS, line 16, change "Grwon" to --Grown--

Column 1

Line 50, change "resonant" to --resonate--

Column 3

Line 49, change "ALAs" to --AlAs--

Column 4

Line 41, change "(GaAS)" to --(GaAs)--

Line 43, change "GaAS" to --GaAs--

Column 5

Line 22, "minor" to --mirror--

Line 30, "Al_xGa_{1-x}As" to --Al_xGa_{1-x}As--

Line 61, change "290" to --402--

Column 6

Line 26, change "FIG. 4" to --FIG. 3--

MAILING ADDRESS OF SENDER (Please do not use customer number)

Eric L. Maschoff
WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

PATENT NO. 6,850,548 B2

No. of additional copies

→ 0

AUG 14 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,850,548 B2

DATED : February 1, 2005

INVENTOR(S) : Samuel S. Villareal, Ralph H. Johnson

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

Item 54, TITLE, change "ASSYMMETRIC" to --ASYMMETRIC--

Item 56, OTHER PUBLICATIONS, line 3, after "PCT" change "," to --.

Item 56, OTHER PUBLICATIONS, line 6, change "Emittin" to --Emitting--

Item 56, OTHER PUBLICATIONS, line 16, change "Grwon" to --Grown--

Column 1

Line 50, change "resonant" to --resonate--

Column 3

Line 49, change "ALAs" to --AlAs--

Column 4

Line 41, change "(GaAS)" to --(GaAs)--

Line 43, change "GaAS" to --GaAs--

Column 5

Line 22, "minor" to --mirror--

Line 30, "Al_xGa_{1-x}As" to --Al_xGa_{1-x}As--

Line 61, change "290" to --402--

Column 6

Line 26, change "FIG. 4" to --FIG. 3--

MAILING ADDRESS OF SENDER (Please do not use customer number)

Eric L. Maschoff
WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

PATENT NO. 6,850,548 B2

No. of additional copies



0

AUG 14 2005